

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005944**Date Inspected:** 20-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Shi Lei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segments**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 13 OBG Assembly

Segment 2AE

Flux Cored Arc Welding (FCAW) of weld joint SSD20A-PP17- 245, 242, 244, 247, 233, and 243 located on Panel Point 17. Welder is identified as 050242. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Flux Cored Arc Welding (FCAW) of weld joint SSD20-PP17- 233, 243, 231 located on Panel Point 17. Welder is identified as 070140. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 2BW

Shielded Metal Arc Welding (SMAW) of weld joint SEG007A-024, 026 located on Panel Point 16. Welder is identified as 054467. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared

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to comply with the Applicable WPS.

Segment 2AE

Shielded Metal Arc Welding (SMAW) of weld joint SEG008A-043, 044 located on SP649B. Welder is identified as 054467. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Flux Cored Arc Welding (FCAW) of weld joint SEG009A-009 located on SP172A. Welder is identified as 069258. ZPMC QC is identified as Zhong Guo Hui. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Dan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
